

REMARKS

Claims 1-4 are pending in the present application. Claims 1-4 have been amended herein. Claims 5-22 have been cancelled herein.

I. FORMAL MATTERS

Applicant notes with appreciation that the Office Action acknowledges the claim to priority and indicates that the certified copy of the priority document has been received.

The Examiner has made a minor objection to Figures 28-34 and asserts that these figures should be labeled as "Prior Art." Applicant submits herewith a Submission of Corrected Formal Drawings for Figures 28-34 which have been labeled as "Prior Art."

The Examiner has made a minor objection to claim 16. This objection is now moot since claim 16 has been cancelled herein.

II. PRIOR ART REJECTIONS

A. Claims 1-7 and 20

Claims 1-7 and 20 are rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 4,898,837 (Takeda). With respect to claims 1-4, this rejection is traversed. With respect to claims, 5-7 and 20, this rejection is moot because these claims have been cancelled herein.

Applicant submits that Takeda does not teach or suggest the features of claims 1-4. For example, Takeda does not teach or suggest forming at least one contact layer connected to a resistor layer, a source and a drain in the semiconductor layer simultaneously.

Since Takeda does not teach or suggest each and every feature of claims 1-7 and 20, Applicants submits that the rejection of claims 1-7 and 20 under 35 U.S.C. § 102(b) is improper.

B. Claim 1

Claim 1 is rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 5,377,140 (Usuki) and being anticipated by U.S. Patent No. 5,888,875 (Lasky). This rejection is traversed.

Applicant submits that Utsuki and Lasky do not teach or suggest the features of claim 1. For example, Utsuki and Lasky do not teach or suggest forming at least one contact layer connected to a resistor layer, a source and a drain in the

semiconductor layer simultaneously.

Since Utsuki and Lasky do not teach or suggest each and every feature of claim 1, Applicants submits that the rejection of claim 1 under 35 U.S.C. § 102(b) is improper.

C. Claim 22

Claim 22 are rejected under 35 U.S.C. § 102(b) as being anticipated by, or in the alternative, under 35 U.S.C. § 103(a) as obvious over Takeda.

Claim 22 has been cancelled herein. Therefore, this rejection is moot.

D. Claim 16

Claim 16 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Takeda in view of U.S. Patent No. 5,798,295 (Hoover).

Claim 16 has been cancelled herein. Therefore, this rejection is moot.

Based on the foregoing, Applicant submits that the present application is in condition for allowance. Applicant kindly requests the Examiner to contact the undersigned at the phone number listed below to discuss this application, if the

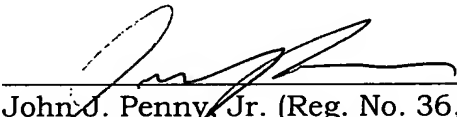
Amendment Under 37 C.F.R. § 1.111
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Examiner feels that such discussion may expedite prosecution of the present application.

Applicant believes that no additional fees are due for the subject application. However, if for any reason a fee is required, a fee paid is inadequate or credit is owed for any excess fee paid, you are hereby authorized and requested to charge Deposit Account No. 04-1105.

Respectfully submitted,

Date: May 9, 2005
Customer No.: 21874



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FIG.28
PRIOR ART

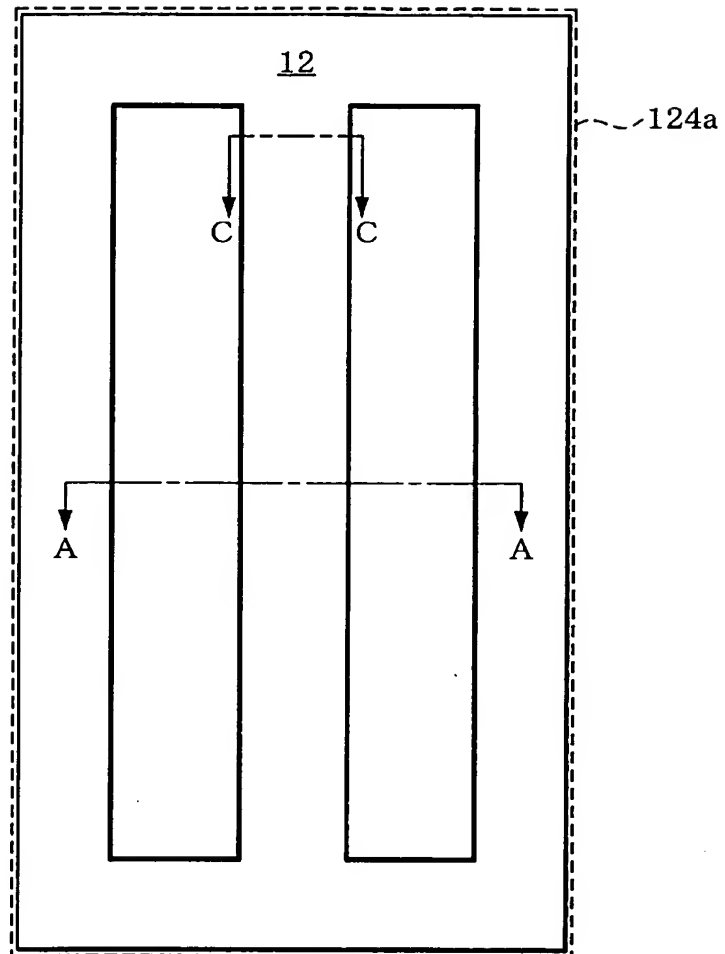


FIG. 29

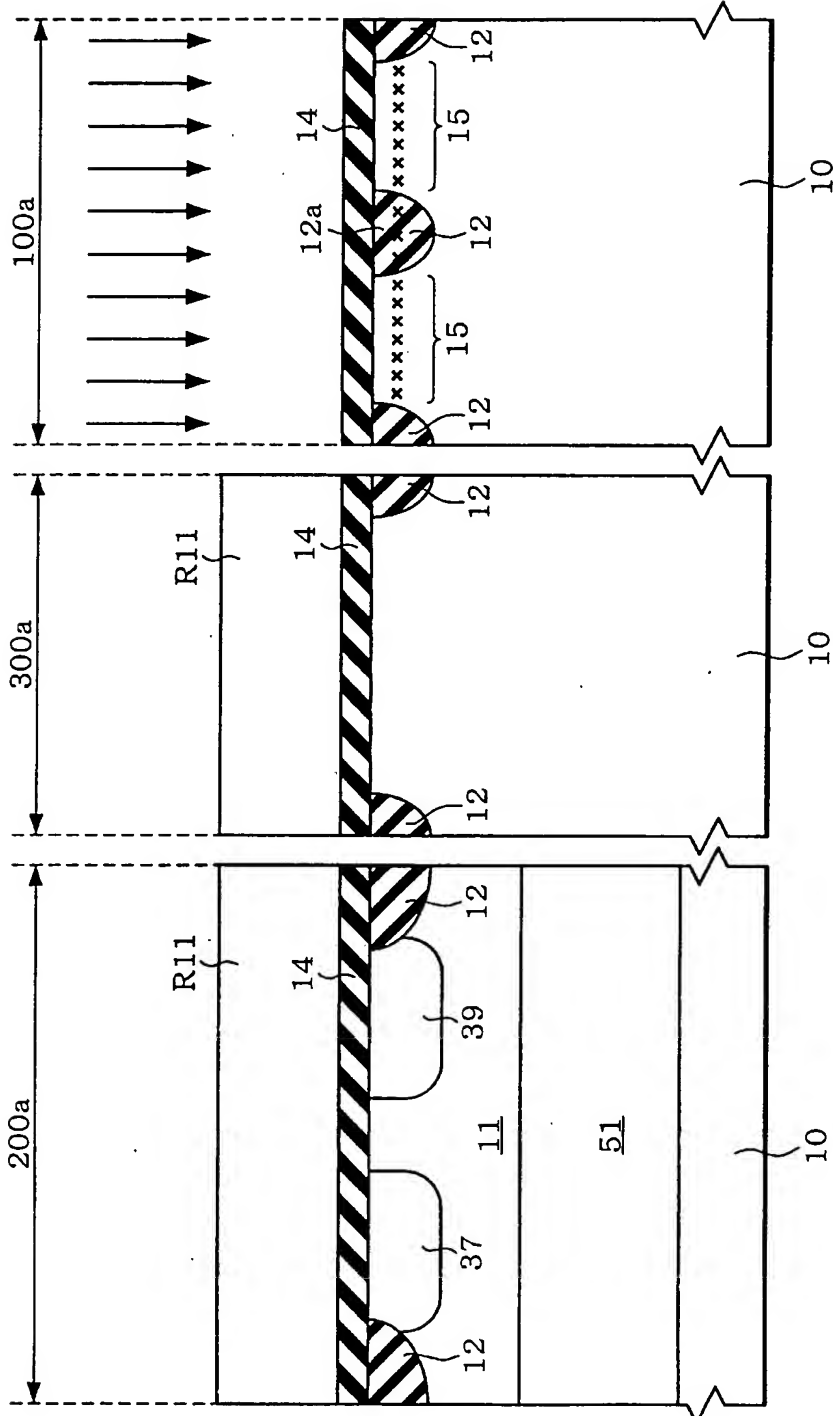


FIG.30
PRIOR ART

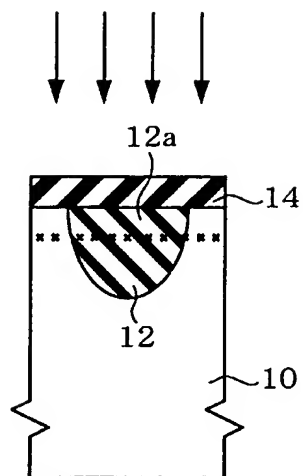


FIG.31
PRIOR ART

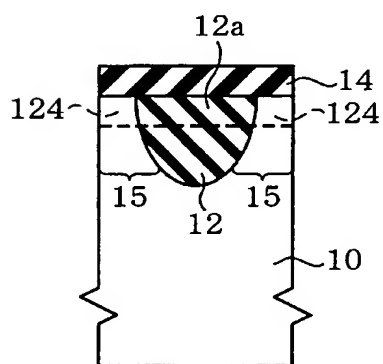


FIG.32
PRIOR ART

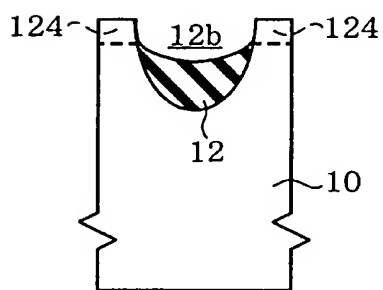


FIG.33

PRIOR ART

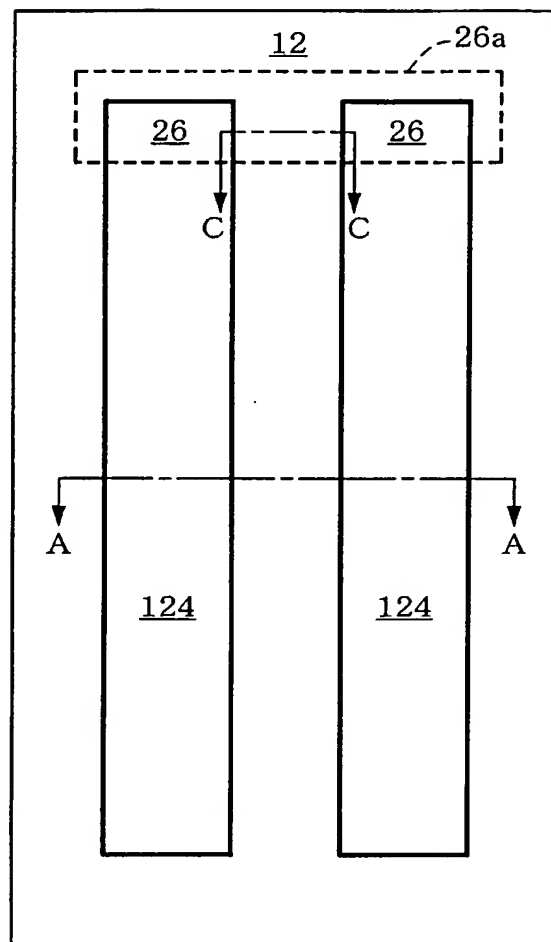


FIG.34

PRIOR ART

